

General Guidelines for the Effective Use of Chlorine, Iodine, and Quats

	Chlorine	Iodine	Quats
Water temperature	≥100°F (38°C)	≥75°F (24°C)	68°F (20°C)
Water pH	≤10	≤8	≤5 or as per manufacturer's recommendation
Water hardness	As per manufacturer's recommendation	As per manufacturer's recommendation	≤500 ppm or as per manufacturer's recommendation
Sanitizer concentration	50–99 ppm	50–99 ppm	12.5–25 ppm
Sanitizer contact time	≥7 seconds	≥7 seconds	≥30 seconds